

AMENDMENTS TO THE SPECIFICATION

Please amend the heading on page 3, line 11 as follows:

~~DISCLOSURE~~ SUMMARY OF THE INVENTION

Please amend the paragraph beginning on page 7, line 4 as follows:

According to the above-described first aspect, based on the direction in which a beam is emitted and a representative distance between a vehicle and an obstacle calculated for each direction, the obstacle detection device creates an image for displaying a relative location of the obstacle in relation to the vehicle, the relative location being detected with an emission point of the beam as a ~~basis; therefore,~~ basis. ~~Therefore,~~ it is possible to display the positional relationship between the vehicle and the obstacle ~~so that~~ in a manner in which the driver can easily ~~have intuitive grasp~~ recognize. Also, the obstacle image indicating the location of an obstacle is displayed in the form of an angular range in which the beam for each direction is ~~emitted; therefore,~~ emitted. ~~Therefore,~~ it is possible to display the angular range in which the obstacle exists ~~so as to~~ in a manner which can be easily ~~grasped~~ recognized by the driver.

Please amend the paragraph beginning on page 9, line 14 as follows:

According to the other aspect described above, the obstacle detection device, in which shape data representing the shape of an obstacle to be detected is previously inputted, displays an image representing a relative positional relationship between the obstacle and the vehicle such that it coincides with the location of the obstacle detected by the obstacle detection ~~means;~~

~~therefore, means.~~ Therefore, the driver can easily grasp the positional relationship between the entire obstacle and the vehicle.

Please amend the paragraph beginning on page 14, line 9 as follows:

The obstacle detection section 11 is constituted as a radio-wave radar device which detects an obstacle in the vicinity of a vehicle. Based on the direction in which an obstacle is to be detected, the obstacle detection section 11 is installed at one or more places selected from, for example, the front, sides, and rear of the vehicle. The obstacle detection section 11 emits a beam with a predetermined divergence angle a plurality of times ~~while,~~ while changing the direction. Every time the obstacle detection section 11 emits a beam, it receives a reflected wave of the beam reflected by the obstacle situated within an irradiation range of the beam. Although the present embodiment assumes that the obstacle detection section 11 is a radio-wave radar, it is not restricted to a radio-wave radar but may be an ultrasonic radar or a laser radar, for example.